

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E80414

Employer : Seattle Children's

Worksite : Research Institute - Building
1

Street : 1900 9th Ave N

Jurisdiction : City of Seattle

Survey Date : 9/27/2015

Survey Type : Online

Response Rate : 86%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 17.9%
One-Way VMT per employee : 2.1

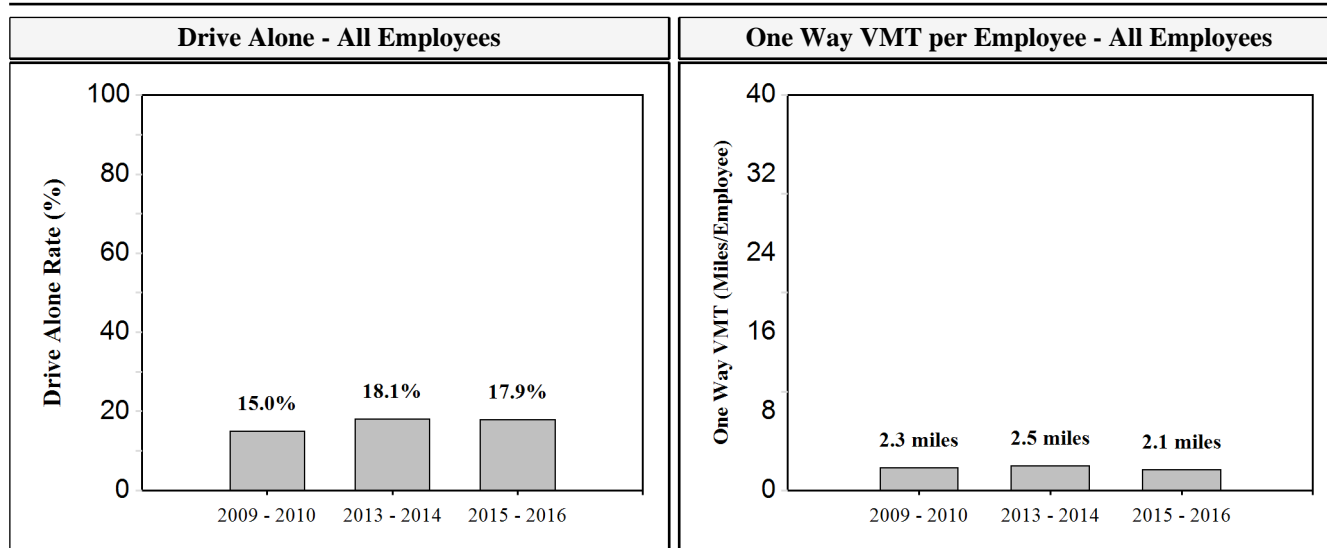
Reported Total Employees at Worksite: 316

Surveys Distributed : 316

Surveys Returned : 272

Surveys Returned by CTR Affected Employees : 221

Total Estimated CTR - Affected Employees at Worksite : 257



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A
2009 - 2010	15.0%	15.2%	2.3	2.6
2011 - 2012	10.8%	8.3%	1.8	1.4
2013 - 2014	18.1%	15.5%	2.5	2.4
2015 - 2016	17.9%	18.2%	2.1	2.2
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	19.3%	19.7%	-8.7%	-15.4%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2009 - 2010	2013 - 2014	2015 - 2016
Drive Alone - All Employees*	15.0%	18.1%	17.9%
Drive Alone - CTR Affected Employees*	15.2%	15.5%	18.2%
VMT/Employee - All Employees	2.3	2.5	2.1
VMT/Employee - CTR Affected Employees	2.6	2.4	2.2

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2009 - 2010	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	95	120	120
Estimated Emissions for Total Employment	103	151	140

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2009 - 2010	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	677,351	800,906	804,290
Bus Annual Passenger Miles - Surveyed Employees	627,300	634,900	692,300
Ferry Annual Passenger Miles - Estimated for Total Employment	49,562	0	37,176
Ferry Annual Passenger Miles - Surveyed Employees	45,900	0	32,000
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	26,347	143,681	105,837
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	24,400	113,900	91,100

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

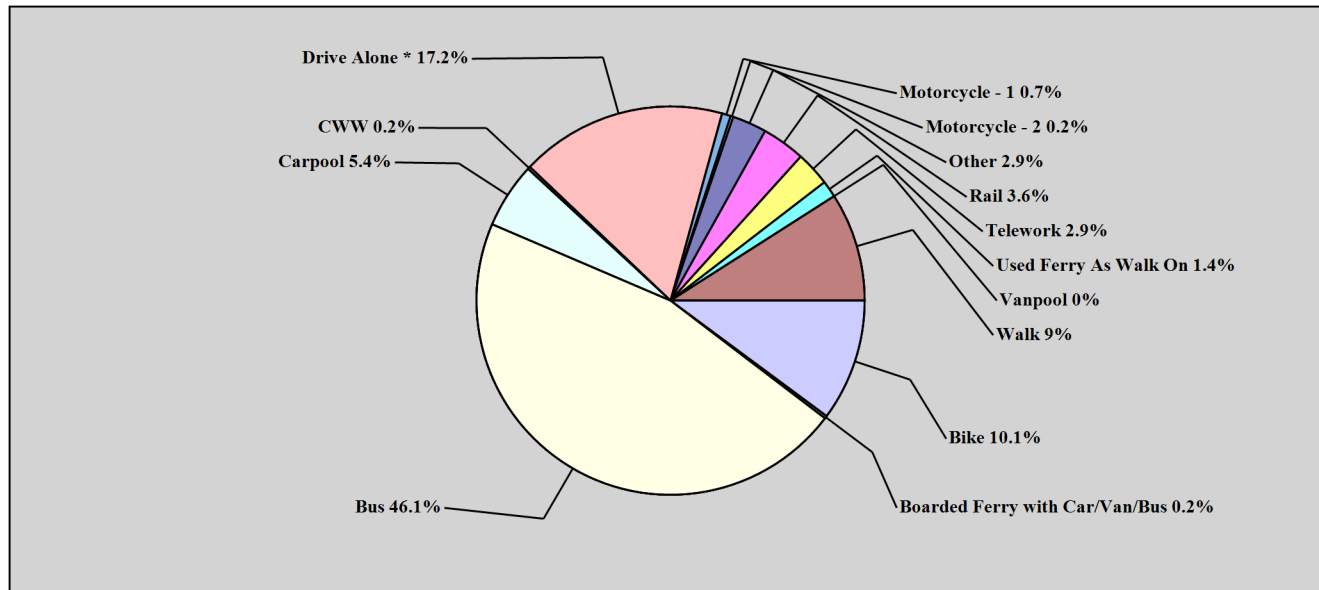
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 11.8 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



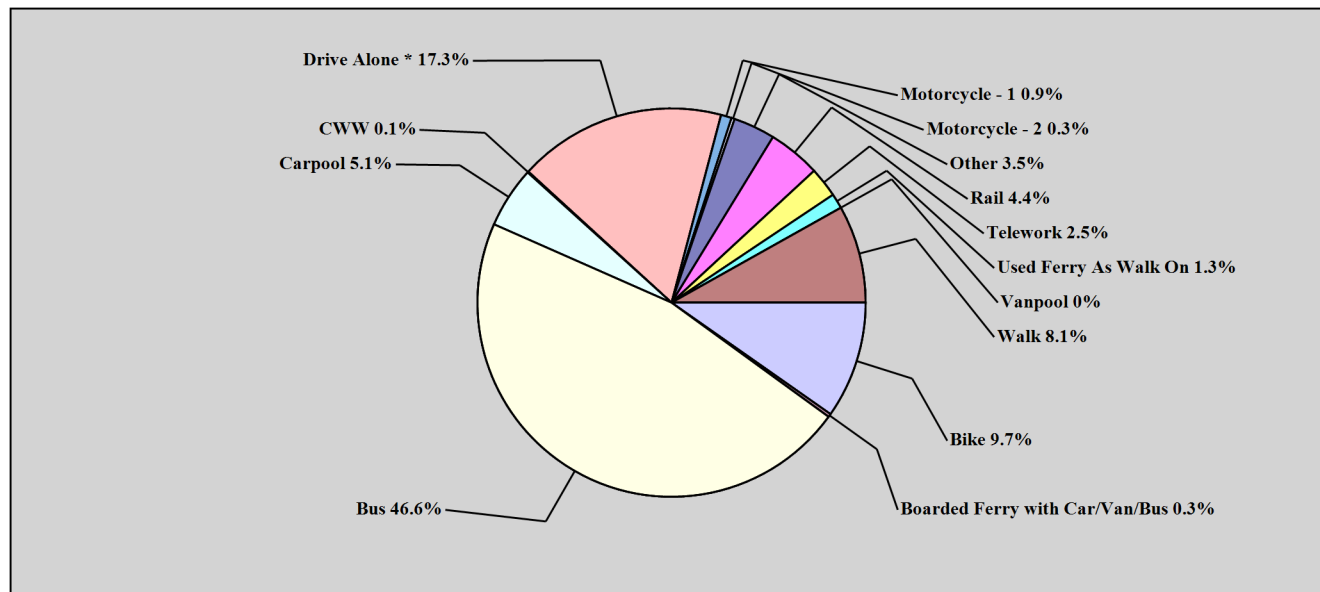
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	234	17.2%	17.6%	82	30.1%	32.6%
Carpool	74	5.4%	8.4%	25	9.2%	13.8%
Vanpool	0	0.0%	0.1%	0	0.0%	0.5%
Motorcycle - 1	10	0.7%	0.5%	2	0.7%	0.5%
Motorcycle - 2	3	0.2%	0.0%	1	0.4%	0.0%
Bus	627	46.1%	49.2%	151	55.5%	59.2%
Rail	49	3.6%	2.9%	14	5.1%	4.1%
Bike	138	10.1%	9.2%	39	14.3%	13.8%
Walk	123	9.0%	7.9%	30	11.0%	11.0%
Telework	39	2.9%	2.6%	26	9.6%	8.7%
CWW	3	0.2%	0.3%	3	1.1%	0.9%
Boarded Ferry with Car/Van/Bus	3	0.2%	0.0%	2	0.7%	0.0%
Used Ferry As Walk On	19	1.4%	0.1%	6	2.2%	0.5%
Other	39	2.9%	1.4%	9	3.3%	1.8%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	194	17.3%	14.9%	69	31.2%	28.4%
Carpool	57	5.1%	10.1%	20	9.1%	16.5%
Vanpool	0	0.0%	0.1%	0	0.0%	0.6%
Motorcycle - 1	10	0.9%	0.6%	2	0.9%	0.6%
Motorcycle - 2	3	0.3%	0.0%	1	0.5%	0.0%
Bus	522	46.6%	49.0%	126	57.0%	60.2%
Rail	49	4.4%	3.4%	14	6.3%	4.5%
Bike	109	9.7%	9.4%	31	14.0%	14.2%
Walk	91	8.1%	8.4%	24	10.9%	11.4%
Telework	28	2.5%	2.4%	18	8.1%	8.0%
CWW	1	0.1%	0.0%	1	0.5%	0.0%
Boarded Ferry with Car/Van/Bus	3	0.3%	0.0%	2	0.9%	0.0%
Used Ferry As Walk On	14	1.3%	0.1%	5	2.3%	0.6%
Other	39	3.5%	1.7%	9	4.1%	2.3%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	36	13%	272	100%
1 Days	13	5%	236	87%
2 Days	12	4%	223	82%
3 Days	12	4%	211	78%
4 Days	28	10%	199	73%
5 Days	125	46%	171	63%
6 or More Days	46	17%	46	17%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	19	7.9%	12	5%	114	47.7%	12	5%	10	4.2%	0	0%	41	17.2%	5	2.1%	192	80.3%
4 days a week (4/10s)	0	0%	2	50%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
3 days a week	0	0%	1	25%	1	25%	0	0%	0	0%	0	0%	1	25%	0	0%	2	50%
9 days in 2 weeks (9/80)	0	0%	0	0%	1	100%	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	2	9.1%	3	13.6%	7	31.8%	1	4.5%	0	0%	0	0%	3	13.6%	1	4.5%	14	63.6%

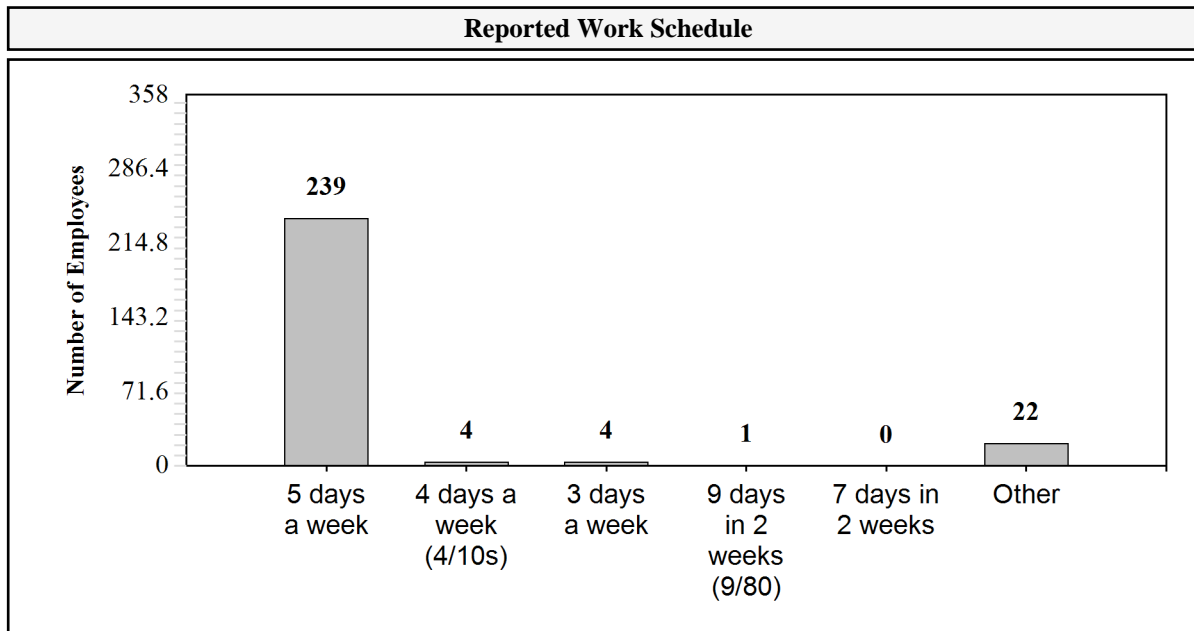
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	10
2	Motorcycle	3
2	Carpool	71
3	Carpool	3
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

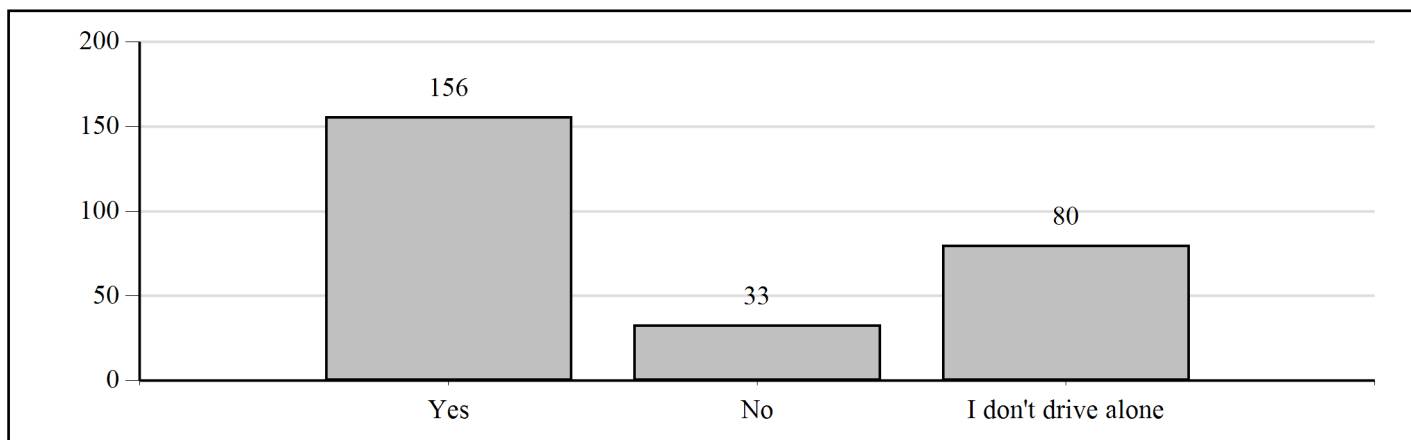
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	239	88.5%
4 days a week (4/10s)	4	1.5%
3 days a week	4	1.5%
9 days in 2 weeks (9/80)	1	0.4%
7 days in 2 weeks	0	0%
Other	22	8.1%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	154	56.6%
Occasionally, on an as-needed basis	75	27.6%
1-2 days/month	24	8.8%
1 day/week	14	5.1%
2 days/week	4	1.5%
3 days/week	1	0.4%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	162	22.4%
Cost of parking or lack of parking	125	17.3%
Financial incentives for carpooling, bicycling or walking.	109	15.1%
To save money	95	13.2%
Personal health or well-being	67	9.3%
Environmental and community benefits	59	8.2%
Other	27	3.7%
To save time using the HOV lane	24	3.3%
Driving myself is not an option	23	3.2%
I have the option of teleworking	18	2.5%
Emergency ride home is provided	7	1.0%
I receive a financial incentive for giving up my parking space	4	0.6%
Preferred/reserved carpool/vanpool parking is provided	2	0.3%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	146	27.3%
Family care or similar obligations	115	21.5%
Other	95	17.8%
I like the convenience of having my car	89	16.7%
My job requires me to use my car for work	40	7.5%
Bicycling or walking isn't safe	26	4.9%
My commute distance is too short	16	3.0%
I need more information on alternative modes	7	1.3%
There isn't any secure or covered bicycle parking	0	0.0%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	0	13	0	0	5	0	0	3
2	4	0	0	23	2	1	4	0	5	2
3	3	0	0	7	0	0	3	0	0	0
4	4	0	0	13	1	0	2	0	0	0
5	1	0	0	13	1	0	12	0	2	0
6	2	0	0	11	0	0	3	0	0	0
7	1	0	0	1	0	0	3	0	0	0
8	2	0	0	10	0	0	1	0	1	0
9	1	0	0	2	0	0	1	0	0	0
10	5	0	0	28	0	1	6	0	3	4
11 or more	2	0	0	13	0	0	0	0	0	0
# Of Employees using Transit	26	0	0	134	4	2	40	0	11	9
Total One-Way Transit Trips Per Week	168	0	0	824	13	12	206	0	58	47

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	0	0	0	9	0	0	5	0	0	3
2	4	0	0	17	2	1	3	0	4	1
3	2	0	0	7	0	0	3	0	0	0
4	3	0	0	11	1	0	1	0	0	0
5	1	0	0	12	1	0	8	0	2	0
6	1	0	0	8	0	0	2	0	0	0
7	1	0	0	1	0	0	3	0	0	0
8	2	0	0	7	0	0	1	0	1	0
9	1	0	0	2	0	0	0	0	0	0
10	5	0	0	24	0	1	6	0	2	4
11 or more	1	0	0	10	0	0	0	0	0	0
# Of Employees using Transit	21	0	0	108	4	2	32	0	9	8
Total One-Way Transit Trips Per Week	139	0	0	668	13	12	165	0	46	45

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
96106	1	0.37%	1	0	0	0	6	0	0	0	0	0	0	0	0
98005	1	0.37%	7	0	0	0	0	0	0	0	0	0	0	0	0
98006	4	1.47%	2	2	0	0	22	0	0	0	0	0	0	0	0
98007	3	1.10%	1	0	0	0	12	0	4	0	0	0	0	0	0
98008	1	0.37%	5	0	0	0	0	0	0	0	0	0	0	0	0
98011	2	0.74%	4	1	0	0	4	0	0	0	0	0	0	0	0
98012	3	1.10%	0	0	0	0	13	0	0	0	2	0	0	0	0
98020	2	0.74%	5	0	0	0	4	0	0	0	0	0	0	0	0
98021	3	1.10%	3	0	0	0	10	0	0	0	2	0	0	0	0
98023	1	0.37%	1	0	0	0	4	0	0	0	0	0	0	0	0
98026	3	1.10%	0	0	0	0	16	0	0	0	0	0	0	0	0
98027	2	0.74%	0	0	0	0	10	0	0	0	0	0	0	0	0
98028	3	1.10%	2	0	0	0	5	0	0	0	1	0	0	0	7
98029	3	1.10%	3	0	0	0	14	0	0	0	2	0	0	0	0
98030	1	0.37%	0	3	0	0	0	2	0	0	0	0	0	0	0
98034	4	1.47%	0	0	0	0	8	0	4	0	1	0	0	0	0
98036	3	1.10%	2	0	0	0	10	0	0	0	3	0	0	0	0
98037	3	1.10%	0	0	0	0	14	0	0	0	0	0	0	0	0
98040	7	2.57%	18	0	0	0	12	0	0	0	2	0	0	0	2
98043	1	0.37%	0	2	0	0	0	0	0	0	0	0	0	0	0
98052	5	1.84%	2	0	0	3	15	0	0	0	0	0	0	0	5
98053	1	0.37%	0	0	0	0	3	0	0	0	2	0	0	0	0
98055	2	0.74%	0	0	0	0	4	1	0	0	0	0	0	0	0
98056	1	0.37%	0	0	0	0	5	0	0	0	0	0	0	0	0
98057	1	0.37%	1	0	0	0	4	0	0	0	0	0	0	0	0
98058	2	0.74%	0	1	0	0	4	3	0	0	1	0	0	0	0



98059	4	1.47%	8	6	0	0	1	3	0	0	1	0	0	0	0
98072	1	0.37%	0	0	0	0	5	0	0	0	0	0	0	0	0
98075	1	0.37%	1	0	0	0	4	0	0	0	0	0	0	0	0
98077	1	0.37%	4	0	0	0	0	0	0	0	0	0	0	0	0
98087	2	0.74%	0	0	0	0	10	0	0	0	0	0	0	0	0
98101	3	1.10%	0	0	0	0	10	0	2	3	0	0	0	0	0
98102	12	4.41%	12	0	0	0	11	0	8	26	2	1	0	0	0
98103	11	4.04%	16	0	0	0	29	3	9	0	0	0	0	0	0
98105	13	4.78%	2	4	0	0	50	0	14	0	0	0	0	0	7
98106	2	0.74%	1	0	0	0	9	0	0	0	0	0	0	0	0
98107	9	3.31%	7	0	0	0	25	0	4	2	2	0	0	0	7
98108	3	1.10%	4	0	0	0	5	1	0	5	0	0	0	0	0
98109	11	4.04%	3	0	0	0	5	0	9	34	0	0	0	0	0
98110	5	1.84%	0	0	0	0	0	0	8	0	0	0	0	14	4
98112	4	1.47%	1	0	0	0	7	0	7	3	0	0	0	0	0
98115	22	8.09%	25	6	0	5	29	0	26	2	5	1	0	0	6
98116	7	2.57%	9	0	0	0	18	0	3	1	2	0	0	0	0
98117	12	4.41%	16	2	0	0	18	2	7	1	3	0	0	0	0
98118	4	1.47%	0	5	0	0	0	13	2	0	0	0	0	0	0
98119	2	0.74%	0	0	0	0	5	0	4	0	0	0	0	0	0
98121	4	1.47%	0	0	0	0	4	0	0	19	1	0	0	1	0
98122	11	4.04%	0	3	0	0	28	0	3	23	3	1	2	0	1
98125	11	4.04%	9	13	0	0	35	0	0	0	0	0	0	0	0
98126	2	0.74%	1	0	0	0	7	0	3	0	0	0	0	0	0
98133	9	3.31%	11	0	0	0	35	0	0	0	0	0	0	0	0
98144	6	2.21%	7	5	0	0	5	4	5	4	0	0	0	0	0
98146	1	0.37%	4	0	0	0	0	0	1	0	0	0	0	0	0
98155	7	2.57%	10	0	0	0	18	0	1	0	0	0	0	0	0
98166	1	0.37%	1	0	0	0	4	0	0	0	0	0	0	0	0
98168	1	0.37%	2	0	0	0	2	0	0	0	0	0	0	0	0
98177	6	2.21%	10	12	0	0	4	0	4	0	3	0	0	0	0
98188	2	0.74%	0	0	0	5	0	7	0	0	0	0	0	0	0
98198	1	0.37%	5	0	0	0	0	0	0	0	0	0	0	0	0
98199	6	2.21%	6	4	0	0	10	0	6	0	0	0	0	0	0
98203	3	1.10%	2	0	0	0	13	0	0	0	0	0	0	0	0
98204	1	0.37%	0	0	0	0	5	0	0	0	0	0	0	0	0
98258	1	0.37%	0	0	0	0	5	0	0	0	0	0	0	0	0



98270	1	0.37%	0	0	0	0	5	0	0	0	0	0	0	0	0
98337	1	0.37%	0	0	0	0	0	0	4	0	0	0	1	0	0
98345	1	0.37%	0	0	0	0	0	0	0	0	1	0	0	4	0
98391	2	0.74%	0	0	0	0	0	10	0	0	0	0	0	0	0
98422	1	0.37%	0	5	0	0	0	0	0	0	0	0	0	0	0
98424	1	0.37%	0	0	0	0	7	0	0	0	0	0	0	0	0